



**PROGRAM OF STUDY FOR A BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

<b>NAME:</b>			<b>ID #:</b>	
<b>P.O.Box:</b>	<b>Tel #:</b>	<b>E-mail:</b> @aub.edu.lb		
<b>FRESHMAN CLASS OR EQUIVALENT<sup>a</sup>:</b>			<b>CR. 30</b>	<b>DIPLOMA TYPE :</b> <b>ENTRY LEVEL: FR SO JR SR</b>
<b>MAJOR REQUIRMENTS</b>				
<b>COURSE</b>	<b>OR</b>	<b>OR</b>	<b>CR.</b>	<b>COMMENTS</b>
CMPS 200			3	} <b>MINIMUM CUMMULATIVE AVERAGE OF 70</b>
CMPS 200L <sup>f</sup>			1	
CMPS 212 <sup>f</sup>			3	
CMPS 212L <sup>f</sup>			1	
CMPS 253 <sup>f</sup>			3	
CMPS 255 <sup>f</sup>			3	
CMPS 256 <sup>f</sup>			3	
CMPS 257 <sup>f</sup>			3	
CMPS 258 <sup>f</sup>			3	
CMPS 272 <sup>f</sup>			3	
CMPS 277 <sup>f</sup>			3	
CMPS 299 <sup>f</sup>			3	
CMPS ELECT. 1			3	
CMPS ELECT. 2			3	
CMPS ELECT. 3			3	
<b>Total Credits in CMPS:</b>			<b>41</b>	<b>CMPS 220 OR ABOVE</b>
<b>REQUIRED MATH/STAT ELECTIVE (3 CR.)</b>				
<b>ELECT.</b>			<b>3</b>	<b>FROM MATH 218 or 219, STAT 230 or 233<sup>f</sup>, MATH 251 or CMPS251 (if not taken as CMPS elective) , and MATH 261</b>
<b>Total Crs.:</b>			<b>3</b>	
<b>REQUIRED MATH COURSES:</b>				
MATH 201 <sup>f</sup>			3	<b>3 crs in Mathematics in this section satisfy the Quantitative Thought requirement.</b>
MATH 211	CMPS 211		3	
<b>Total Crs.:</b>			<b>6</b>	
<b>REQUIRED SCIENCE COURSES:</b>				
PHYS 228			3	
PHYS 228L <sup>f</sup>			1	
<b>Total Crs.:</b>			<b>4</b>	
<b>FREE ELECTIVES (200 OR ABOVE) FROM OUTSIDE THE DEPARTMENT</b>				
<b>ELECT. 1</b>			<b>3</b>	<b>PHIL 211 IS RECOMMENDED</b>
<b>Total Crs.:</b>			<b>3</b>	
<b>FACULTY GENERAL REQUIREMENTS</b>				
ARABIC 201A <sup>b,g</sup>	ARABIC 201B <sup>b</sup>	ARABIC 211,OR ABOVE <sup>c</sup>	3	<b>BASED ON ELPR. Students who take ENG 203 or ENG 204 at the freshman level must take an additional elective(s) to complete the 120 credits requirement for graduation</b>
ENGL. 203 <sup>d</sup>	ENGL. 204		3	
ENGL 204 <sup>d</sup>			3	
GROUP I: CVSP 201 or 202 or 205 or <u>any</u> 207 (A,B,C...)			3	<b>ANY ONE COURSE FROM GROUP I IS PREREQUISITE FOR GROUP II</b>
GROUP II: CVSP 203 or 204 or 206 or <u>any</u> 208 (A,B,C...)			3	
SOCIAL SCIENCE			3	<b>ECONOMICS/SOCIAL SCIENCES / ACCT 210 RECOMMENDED</b>
SOCIAL SCIENCE			3	
NATURAL SCIENCE			3	<b>(BIOLOGY, CHEMISTRY, GEOLOGY OR PHYSICS)</b>
NATURAL SCIENCE			3	
HUMANITIES			3	<b>Two more from CVSP 201-208<sup>e</sup> or the selection of two approved humanities courses listed on p. 156-158 of the AUB Undergraduate Catalogue 2010-2011</b>
HUMANITIES			3	
<b>Total Crs.:</b>			<b>33</b>	
<b>TOTAL CREDITS NEEDED FOR GRADUATION</b>			<b>120</b>	

<sup>a</sup>STUDENTS WHO HOLD THE LEBANESE OR FRENCH BACCALAUREATE(LITERATURE AND HUMANITIES OR SOCIOLOGY AND ECONOMICS) OR A GOVERNMENT SECONDARY CERTIFICATE,OR A CERTIFICATE OR DIPLOMA CONSIDERED BY THE UNIVERSITY TO BE EQUIVALENT TO THE LEBANESE BACCALAUREATE, MAY BE REQUIRED TO TAKE ADDITIONAL FRESHMAN LEVEL COURSES IN MATHEMATICS AND SCIENCES PERTAINING TO THEIR MAJORS IN FAS(NAMELY SCIENCES AND ECONOMICS).

<sup>b</sup> **IF EXEMPTED FROM ARABIC**, ONE ADDITIONAL ELECTIVE COURSE IN HUMANITIES IS REQUIRED INCLUDING ARAB 200, 203-208.

<sup>c</sup> ARABIC 213, 214, 217, 218 ARE EXCLUDED.

<sup>d</sup> **IF EXEMPTED FROM ENGL 203**, STUDENTS MUST TAKE ENGL 204. SUCH STUDENTS DO NOT HAVE TO TAKE ANY OTHER ELECTIVE COURSE IN ENGLISH, **BUT MUST COMPLETE THE 120 CREDITS FOR GRADUATION.**

<sup>e</sup> STUDENTS WHO ELECT **CVSP 205** MAY NOT ENROLL IN CVSP 201 OR 202. STUDENTS WHO ELECT **CVSP 206** MAY NOT ENROLL IN CVSP 203 OR 204 OR VICE VERSA.

<sup>f</sup> FOR PREREQUISITES OR COREQUISITES, CHECK THE AUB UNDERGRADUATE CATALOGUE.

<sup>g</sup> SUBJECT TO APT. OPEN TO STUDENTS WHO THINK THEY ARE TOO WEAK TO FOLLOW COURSE WORK HIGHER THAN THE BASIC LANGUAGE COURSE (ARAB 201A).